Peak District National Park

Forecast valid from 00:00 on Friday 17 Jun 2022 until 23:59 on Saturday 18 Jun 2022

Forecast Issued on Thursday 16 Jun 2022 at 15:00

Confidence: High for hot weather Friday, moderate for cloudy and cooler conditions from late Friday. Low for rainfall through the weekend.

Headline for Friday 17 Jun 2022: Dry, bright and hot for much of the day. Cloudy with a chance of rain later.

Mountain weather hazards on Friday 17 Jun 2022

Blizzards
No Likelihood

Heavy persistent snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
Low Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
High Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Cloudy	Cloudy	Sunny intervals	Sunny	Sunny	Cloudy	Light rain
Precipitation probability							
00%	00%	00%	00%	00%	00%	10%	40%

Forecast for Friday 17 Jun 2022

Weather: Dry and bright with long periods of strong sunshine. Very warm, perhaps hot in places. Turning cloudy from the northwest during the evening with a chance of some patchy light rain towards the very end of the day.

Chance of cloud-free hill tops above 600m: Above 95%, reducing to 40% in northwestern parts during the evening.

Low cloud and visibility: Cloud bases remaining well above summits during the day with very good visibility. Broken cloud expected to spread across High Peak during the evening, with bases covering slopes down to 300-400m. Moderate visibility in rain.

Forecast for Friday 17 Jun 2022

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	13/16 SW	15/20 SW	20/30 SW	21/28 SW	22/30 SW	21/30 W	16/23 W	14/19 W	13/18 W
300	8/11 S	8/13 S	13/21 S	17/23 SW	19/27 SW	18/27 W	13/20 W	11/16 W	9/14 NW
Valley	4/11 S	4/13 SE	6/19 S	11/22 SW	14/27 SW	15/28 W	11/21 NW	9/17 W	7/14 NW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	16/14	16/13	17/12	18/13	20/15	20/15	15/13	13/11	11/8
300	18/17	17/16	18/15	20/16	23/19	23/20	19/16	16/14	14/12
Valley	16/16	16/16	18/17	21/18	25/22	24/21	19/17	16/15	14/13
Freezing Level*	3700m	3700m	3500m	3200m	2900m	3300m	3500m	3600m	3400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Very warm temperatures bring a risk of dehydration and heat stress, especially on long climbs.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Thu 16 Jun 2022	0mm	0mm	0mm

Forecast for Saturday 18 Jun 2022

Weather: Rather cloudy perhaps with a chance of showery outbreaks of rain, especially for southern peaks. Cooler than recent days.

Maximum wind: Westerly or northwesterly 10 gusting 20 mph.

Chance of cloud-free hill tops above 600m: 80% throughout.

Low cloud and visibility: Cloud expected to be above summits with generally very good visibility with clear views of distant hills. Moderate visibility in any showers or rain.

Temperature: **Valleys:** Plus 10 Celsius becoming plus 18 Celsius.
At 600m: Plus 8 Celsius becoming plus 16 Celsius.
Freezing level: Above summits